

ISS and Shuttle Payload Manifest Assumptions

- Manifest in Appendix 4A reflects ISSP direction per Space Station Change Notice (SSCN) 7083R2 for FY03 missions and ISSP POP 2003 guidelines for mission complement and launch dates for FY04-FY12
- ISS Flights 1J/A, UF4 and 14A payload complements include payload developer hardware and carriers processed by CAPPS. Thus, the Customer and CAPPS simultaneously process the mission hardware as shown on the manifest as . CAPPS is responsible for processing and integration of CBC's and SLP's.
- For SpaceHab missions, CAPPS is responsible for Spacelab Tunnel configuration and integration.
- Unless otherwise identified, the ISS Resupply/ Return flights designated UF consist of the following complements on ascent and descent
 - MPLM contains 5 Resupply Stowage Racks (RSRs), 4 Resupply Stowage Platforms (RSPs), 2 International Standard Payload Racks (ISPRs), 1 Refrigerator/ Freezer integrated in an Active MPLM
 - LMC carries 2 Launch On Need (LON) ORU's or Payloads
 - Sidewall Carrier (SWC) carries 1 Launch On Need (LON) ORU or Payload
- The ISS Resupply/ Return steady-state flights after UF-7 (designated ULF) assume 5 Shuttle missions per year alternating dedicated un-pressurized cargo missions with pressurized MPLM/LMC missions. MPLM will be used for crew rotation every 120 days.
 - The ascent and descent complement for un-pressurized cargo missions consist of
 - 8 ORU's or Payloads integrated on the 1st Unpressurized Logistics Carrier (ULC)
 - 8 ORU's or Payloads integrated on the 2nd Unpressurized Logistics Carrier (ULC)
 - 2 Launch On Need (LON) ORU's or Payloads integrated on a Lightweight MPES Carrier (LMC)
 - 1 Launch On Need (LON) ORU's or Payload integrated on a Sidewall Carrier (SWC)
 - The ascent and descent complement for pressurized MPLM/LMC missions consist of
 - 5 Resupply Stowage Racks (RSRs), 4 Resupply Stowage Platforms (RSPs), 2 International Standard Payload Racks (ISPRs) and 3 Refrigerator/ Freezers integrated in an Active MPLM
 - 8 ORU's or Payloads integrated on one Unpressurized Logistics Carrier (ULC)
- LON missions utilize a LMC and/or a Sidewall Carrier



